BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

	Estimate Cost Rs.	1500000.00

Name of Work: Estimate for Providing New Street Signage Boards and Refixing, Repainting, Blackwrighting and Repairs of old Boards in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Providing and fixing RCC name board of size 1.35xk0.60x0.04 mtrs fixed in reinforced cement concrete poles of size 0.10x0.10x2.60 mtrs in cement concrete 1:1 $^{1/2}$:3 proportion using 20 mm and down size graded metal machine mixed with 10 mm dia main steel bars and 8mm dia stripes show in drawing the board shall be provided with 12 mm thick cement plaster in cement mortar 1:3 on both the side, the poles shall be 1:3:6 proportion, the board shall be fixed as per the drawing and at the place indicated by the engineering charge of the work, the cost includes excavation, cost of all materials, cost of steel, centering, transportation, charges, fixing charges etc, the work shall be carried out as per the detailed specifications, drawings and directions of the engineer in charge of the work, **No. 274 / Item No. 37.60 PWD SR**	Each							
			1	10			**10.00**	5184.00	**51840.00**
	Basic Rate	4800.00							
	Area Weightage @ 8%	384.00							
	Total	**5184.00**							
2	Providing and fixing sign board of size 60x60cm equilateral triangle using M.S sheet 5 mm thick with RCC pole of size 0.15x0.15x2.3 mtr made out of cement concrete 1:1$^{1/2}$:3 proportion using 20 mm and down size graded metal machine mixed with 10 mm dia main steel bars and 8 mm dia stirupps as shown in drawing, the poles shall be embedded in the ground for a depth of 0.6 mtrs with cement concrete 1:3:6 proportion, the board shall be fixed as per drawing and at the place indicated by the engineering charge of the work, the cost includes excavation, cost of all materials, cost of steel, centering, transportation charges, fixing charges etc, the work shall be carried out as per the detailed specifications, drawings and directions of the engineer in charge of the work, **No. 274 / Item No. 37.61 PWD SR 2013-14**	Each							
			1	207.00			**207.00**	5184.00	**1073088.00**
	Basic Rate	4800.00							
	Area Weightage @ 8%	384.00							
	Total	**5184.00**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1:5m and above in width, in Ordinary soil not exceeding 1.5m. In depth with lead upto 50m. after breaking of clods complete as per specifications. Specification. **No. KBS 2.1(b) / 2.3.5 PWD SR 2013-14 (P.5 / 2.4)**	Cum							
	Refixing of Boards		207	0.60	0.60	0.80	59.62		
	Basic Rate	211.00					**59.62**	227.88	**13585.00**
	Area Weightage @ 8%	16.88							
	Total	**227.88**							
4	KSRB 100-1 Loading and unloading ofstone **aggregates / sand/ kanker/ Moorum /soil** KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 117 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M **(Item No 17.4 Page 117 (SR 2013-14)**	cum							
			Vide Item No. 3				**59.62**	72.71	**4334.00**
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.71**							
5	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of **mix M20 with OPC cement @ 300 kgs, with 20mm** and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2, **No. 12/ Item No. 4.5/ PWD SR 2013**	Cum							
	Sign Boards		207	0.45	0.45	0.50	20.96		
	Basic Rate	4929.00					**20.96**	5323.32	**111570.00**
	Area Weightage @ 8%	394.32							
	Total	**5323.32**							
6	KSRRB M800-11.1: Painting lines, dashes, arrows etc, on roads in two coats on new work :- painting lines, dashes, arrows etc on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at the and traffic control complete as per specification, i) over 10 cm in width, MORTH specification No. 803, **No. 197 / Item No. 24.11/ PWD SR 2013-14**	Sqm							
	Refixing Sign Boards		580	0.60		0.60	208.80		
	New Sign Boards		450	0.60		0.60	162.00		
	Basic Rate	100.00					**370.80**	108.00	**40046.00**
	Area Weightage @ 8%	8.00							
	Total	**108.00**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
7	KSRRB M800-9: Painting new letter and figures of any shade with synthetic enamel paint block or any other approved colour to give an even shade complete as per specification, ("ii) Hindi (Matras commas and the like not to be measured and paid for half letter shall be counted as half) MORTH specification No. 803, **No. 197 / Item No. 24.9 / PWD SR 2013-14**	Cm							
			1	85000			85000		
							85000	0.65	**55080.00**
	Basic Rate	0.60							
	Area Weightage @ 8%	0.05							
	Total	**0.65**							
8	Sub Total								**1349543.00**
9	KRIDL Charges @ 11%								**148450.00**
10	Miscellaneous charges								**2007.00**
								Total	**1500000.00**
	(Rupees Fifteen Lakhs Only)								

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2013-14.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical Sanction for 15.00 Lakhs
Fifteen Lakhs only
P1771
BE/BTP/08/14-15, 9/7/14.
Request ... to ...
No:
AE/JE